

Abstract

[0060] A constant velocity counter track joint having an outer joint part (12) and an inner joint part forming first and second pairs of tracks (22, 23; 24, 25) each accommodating a torque transmitting ball (14), and a ball cage (15) with windows (18) each receiving at least one of the balls (14). When the joint is aligned, the opening angle (α) of the first pairs of tracks (22, 23) opens from the aperture end to the attaching end, and the opening angle (β) of the second pairs of tracks (24, 25) opens from the attaching end to the aperture end. The first pairs of tracks (22, 23) are designed in such a way that, when the joint is articulated, the opening angle (α) of the first pairs of tracks (22, 23), at a ball (14) entering the outer joint part (12) via the central plane (EM), initially becomes zero and then opens towards the aperture end.